

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1, 6-8, 12-14, 16 and 18-20 and CANCEL claims 10 and 11, without prejudice or disclaimer in accordance with the following:

1. (CURRENTLY AMENDED) A read-only information storage medium comprising:
a data area which stores user data;
a lead-in area;
a lead-out area; and
a test pattern, formed in at least one of the lead-in area and the lead-out area, to measure a modulation degree when data is recorded using a data recording modulation technique,
wherein the data recording modulation technique is a run length limited (RLL) (d,k) modulation technique, and
the test pattern includes at least one pit with a $(d+1)T$ length and one pit with a $(k+1)T$ length and the pits are included in one period.

2. (CANCELLED)

3. (PREVIOUSLY PRESENTED) The read-only information storage medium of claim 1, wherein the test pattern includes at least one minimum pit and one maximum pit among pits produced by the data recording modulation technique and the pits are recorded in one period.

4. (ORIGINAL) The read-only information storage medium of claim 3, wherein the test pattern includes a pit with a length different from the lengths of the minimum and maximum pits.

5. (PREVIOUSLY PRESENTED) The read-only information storage medium of claim 1, wherein the period for the test pattern corresponds to one of an error correction code (ECC) block, a sector, and a frame.

6. (CURRENTLY AMENDED) The read-only information storage medium of claim 1, wherein the test pattern includes a minimum pit and a maximum pit among pits produced by the data recording modulation technique and the minimum pit and the maximum pit alternate in each recording units of the lead-in area and the lead-out area.

7. (CURRENTLY AMENDED) The read-only information storage medium of claim 1, wherein the test pattern includes first and second patterns which alternate in recording units of the lead-in area and the lead-out area~~each recording unit~~, wherein the first pattern includes minimum pits and pits with lengths different from minimum pits among the pits produced by the data recording modulation technique, and the second pattern includes maximum pits and pits with lengths different from maximum pits among the pits produced by the data recording modulation technique.

8. (CURRENTLY AMENDED) The read-only information storage medium of claim 7, wherein ~~the each~~ recording unit is one of an error correction code (ECC) block, a sector, and a frame.

9. (PREVIOUSLY PRESENTED) The read-only information storage medium of claim 1, wherein, when the test pattern is reproduced, tracking is performed using one of a differential phase detection (DPD) method and a push-pull method.

10. (CANCELED)

11. (CANCELED)

12. (CURRENTLY AMENDED) The read-only information storage medium of ~~claim~~ claim 1, wherein the test pattern includes at least one pit with a $(d+1)T$ length, one pit with a $(k+1)T$ length, and one pit with a length different from the $(d+1)T$ and $(k+1)T$ lengths and the pits are included in one period.

13. (CURRENTLY AMENDED) The read-only information storage medium of ~~claim~~
~~44~~claim 1, wherein one period is one of one and two recording units of the lead-in area and the
lead-out area.

14. (CURRENTLY AMENDED) The read-only information storage medium of claim 13,
wherein the each recording unit is one of an error correction code (ECC) block, a sector, and a
frame.

15. (PREVIOUSLY PRESENTED) The read-only information storage medium of claim
1, wherein the test pattern yields a DC sum of a signal characteristic graph of 0.

16. (CURRENTLY AMENDED) The read-only information storage medium of ~~claim~~
~~40~~claim 1, wherein the test pattern includes a first data pattern of $(d+1)T$ pits and a second data
pattern of $(k+1)T$ pits.

17. (ORIGINAL) The read-only information storage medium of claim 16, wherein an
overall length of the first and second data patterns is a $2n$ multiple of a least common multiple of
 $(d+1)$ and $(k+1)$, wherein n is a natural number.

18. (CURRENTLY AMENDED) The read-only information storage medium of claim 1,
wherein the purpose of the test pattern is data reproduction.

19. (CURRENTLY AMENDED) The read-only information storage medium of claim 1,
wherein the test pattern is a pattern for asymmetry measurement.

20. (CURRENTLY AMENDED) The read-only information storage medium of claim 1,
wherein a test zone is included in at least one of the lead-in area and the lead-out area, and the
test pattern is formed in the test zone.

21-55. (CANCELLED)